

Figure 1. Target Protein: Tag-xPSM



FIG. 2

Figure 2: Schematic of Tag-xPSM Phage Display

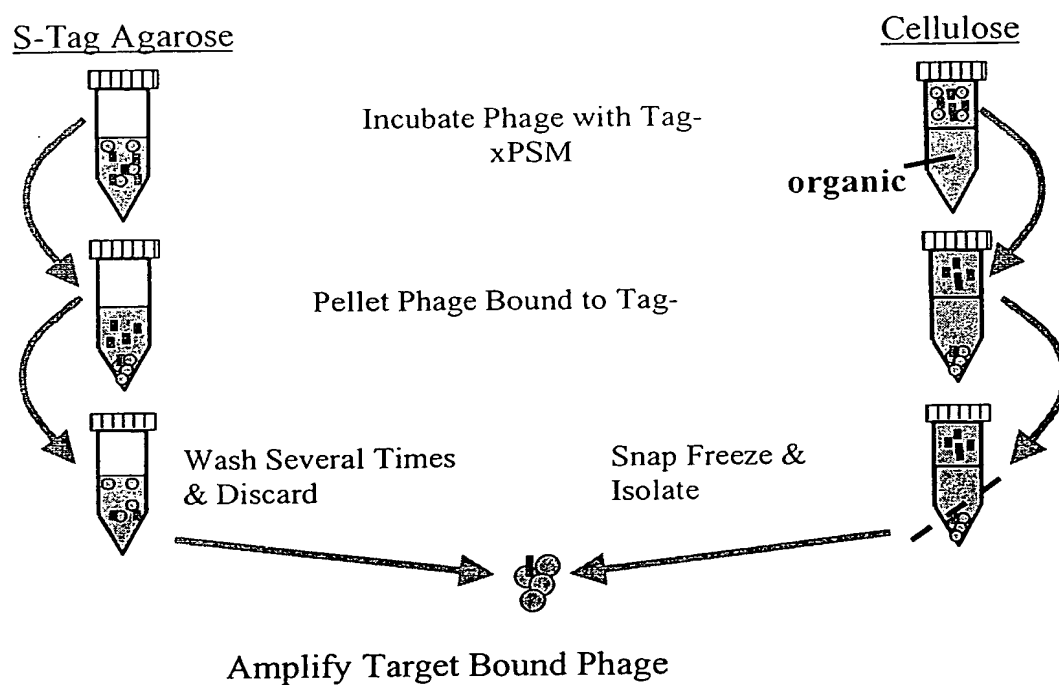


FIG. 3

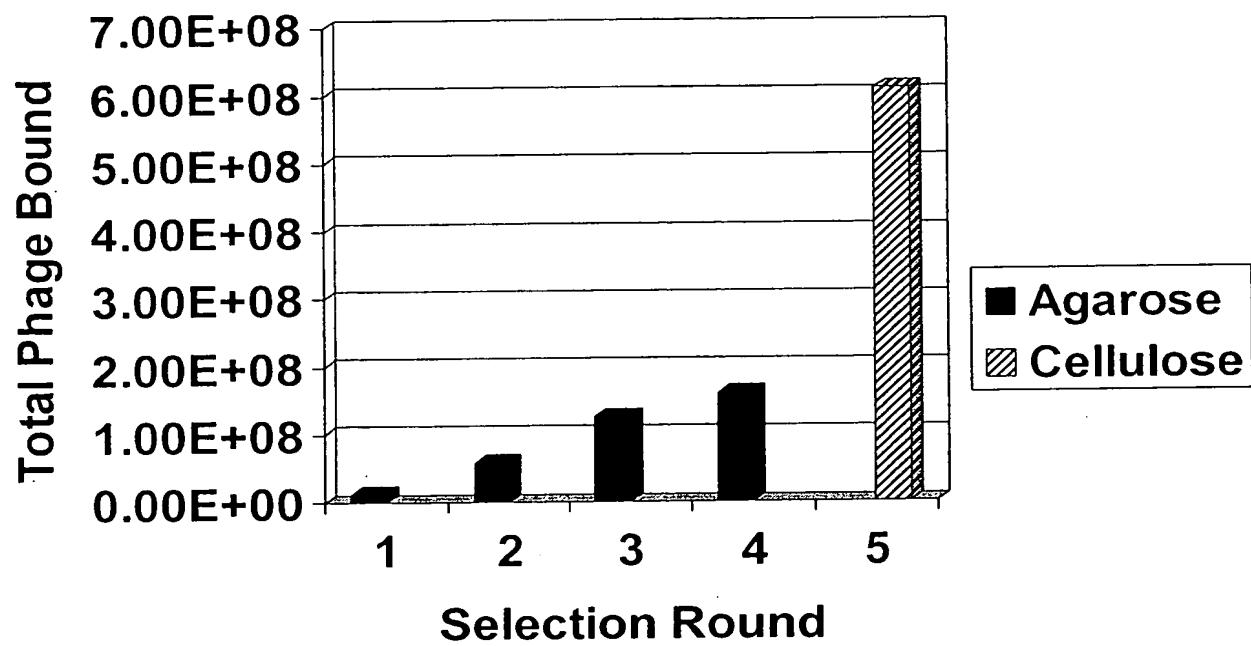
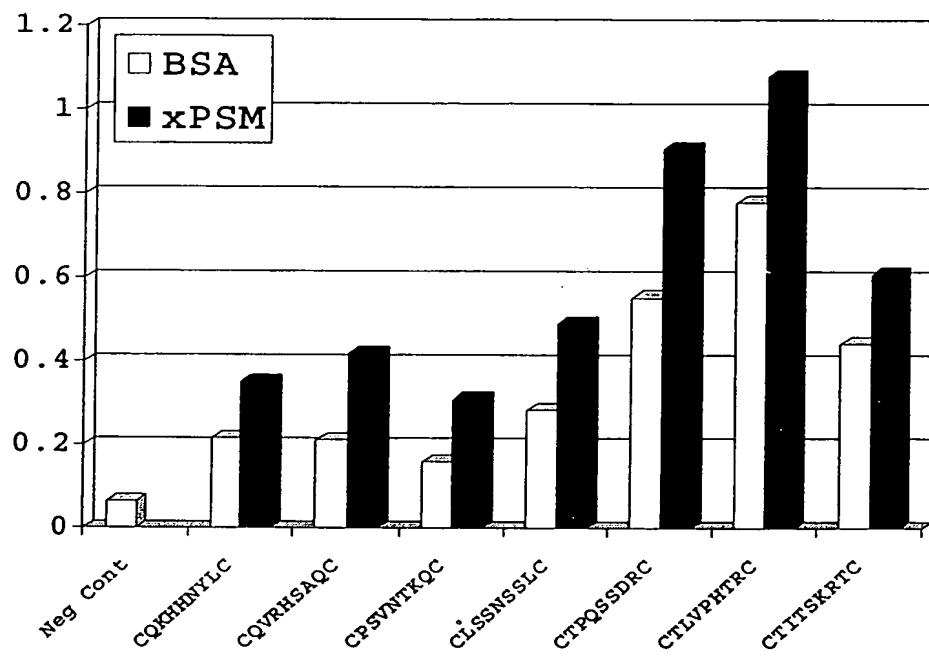


FIG. 4



Library	Relative Absorbance (approx.)	Significance
Original Library	0.010	
Insertless Phage	0.010	
R5-C6	0.008	
R4-C9	0.025	*
R5-XC1	0.045	*
R3-A4	0.051	*

FIG. 6

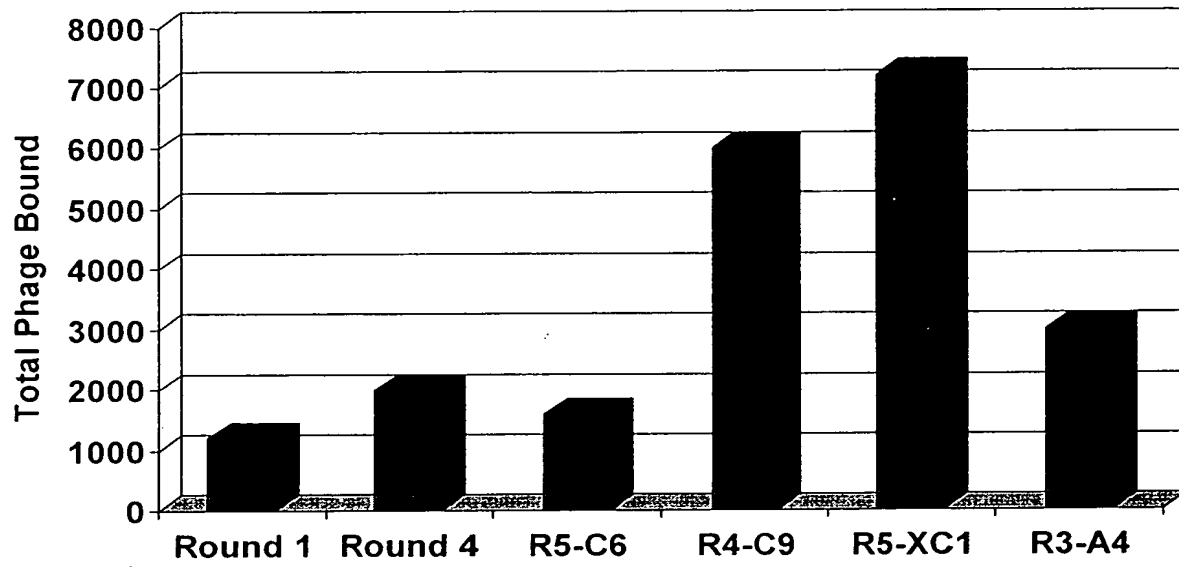


FIG. 8

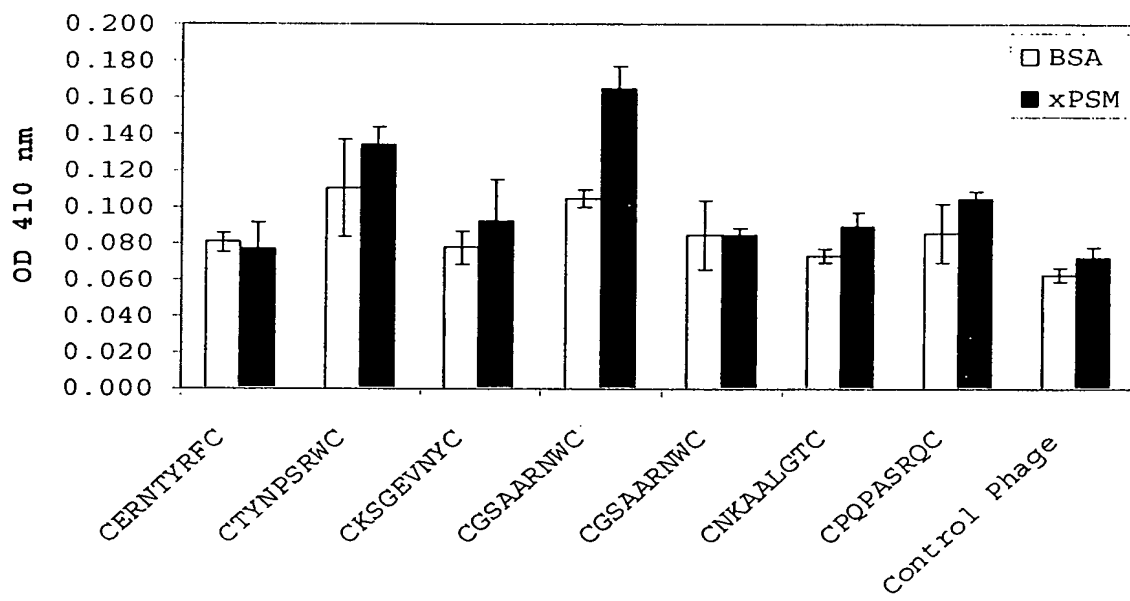


Figure 9 A.

Clone	Copies	Sequence
R5-XC1	12	---QKHHNYL---
R3-A9	1	----QRHDYPA---
R4-C10	1	-----HKFOSKM-
R4-C18	1	-----DAVRYPV
R4-C6	1	LKSHSHQ-----
consensus		---qkhhnyl----

Figure 9 B.

Clone	Copies	Sequence
R5-C6	12	---TITSKRT
R4-C16	1	---TPLSPRY
R5-C2	1	--QTPYDLR-
R3-A4	1	-FPQSSAR--
R3-A6	1	-PPDRSAN--
R4-C8	1	GLPTRTA---
R3-C5	1	---PIPGLRQ
R4-C17	1	-KPTNOHK--
R3-A1	1	--PIMLSER-
R5-C10	1	-KPSNMMSY-
R3-C8	1	-KPNSQPW--
consensus		--ptitskrt

Figure 9 C.

Clone	Copies	Sequence
R4-C9	5	-----TLVPHTR-----
R5-C7	1	-----STRAPHL-----
R4-C3	1	-----HTSLKTH-----
R5-C8	1	-----HTKHASH-----
R3-A5	1	-----QFRHSAQ-----
R3-A2	1	-----KLOHSSST---
R3-C2	1	-----HRLHSTS---
R3-A12	1	-----HTTTDVY-----
R5-C11	1	-----PSVNTKQ-----
R4-C1	1	-----KHSVSPS-
R5-C9	1	---SSHSTVH-----
R3-A7	1	---TNSNMHH-----
R4-A2	1	---APNKYKH-----
R3-A3	1	-----NKTTHYA-----
R5-C3	1	---SHNDTRH-----
R3-C1	1	--LSSNSSL-----
R3-C12	1	--TSNNSRI-----
R3-A10	1	--SSTNSKL-----
R3-C10	1	LTSSVNF-----
R4-C4	1	LSTTISY-----
consensus		---s-n-vphtr----

FIG. 10

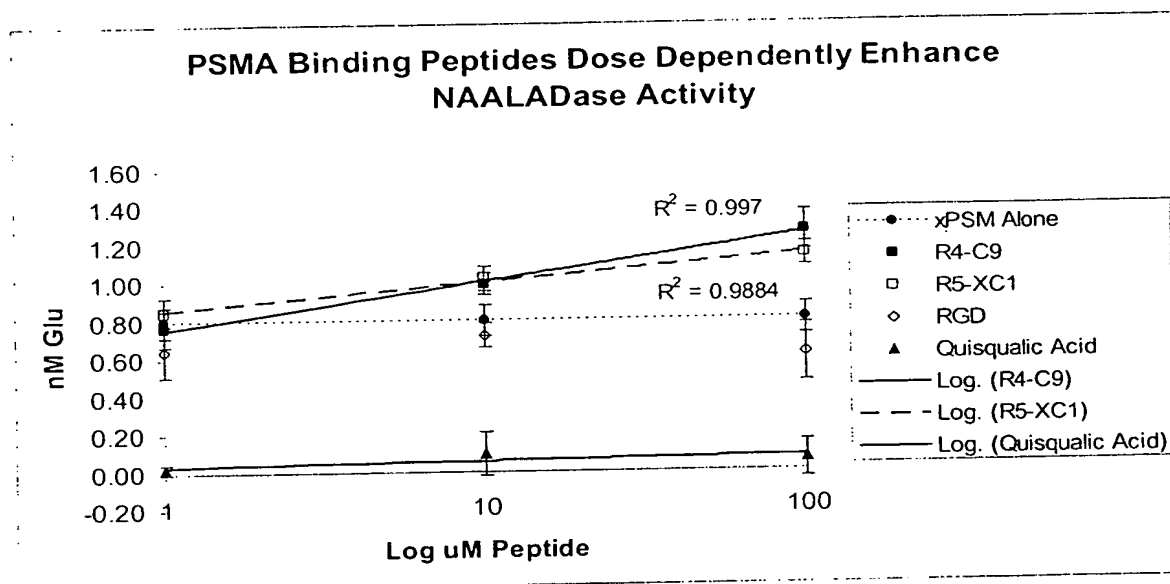


FIG. 11

